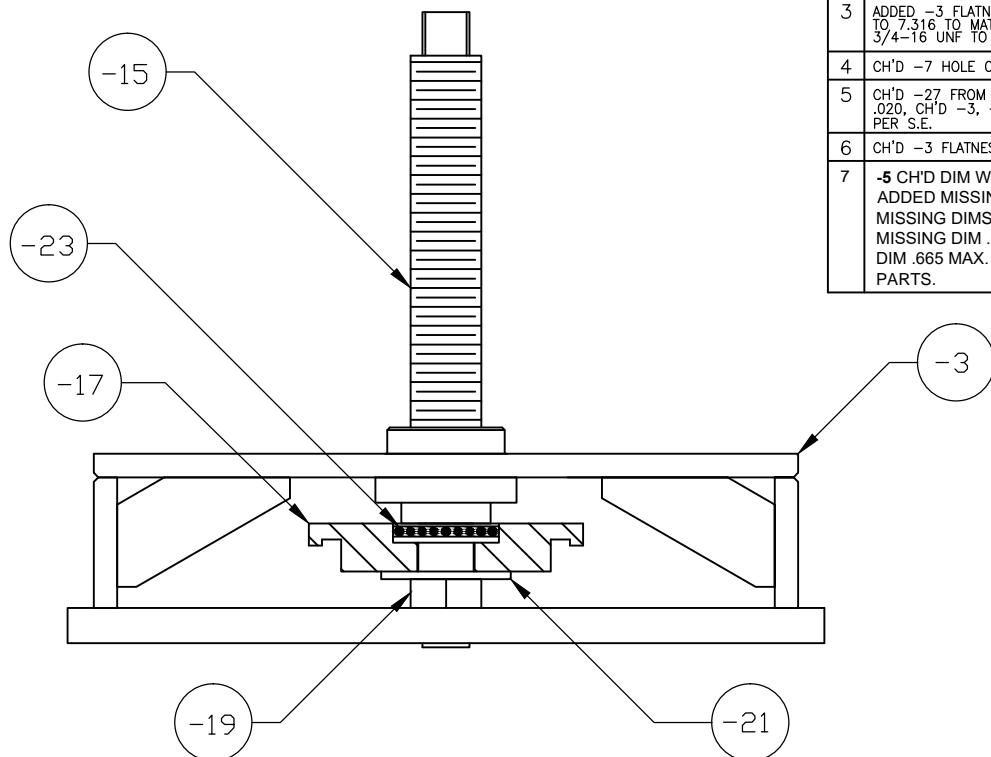


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REV	DESCRIPTION	REVISIONS		
		DATE	INITIAL	APPROVED
1	CH'D -5 THICKNESS FROM 1/2 TO 3/8, CH'D BOM -7 LENGTH FROM 7-3/8 TO 7-3/4, CH'D MATERIAL -15 FROM 4140 TO 4140 Q&T, ADDED 4 EA. Ø1/8 x 1/4 ROLL PINS -25, CH'D -17 Ø1.125 DEPTH FROM .170 TO .205 TO ACCOMODATE BEARING THICKNESS, CH'D -3 OVERALL HEIGHT FROM 1.800 TO 1.935 +1/-3/16, ADDED Ø.125 HOLES FOR ROLL PINS ON -5, -7, -9, CH'D WELD AT -7 & -11. ALL CHANGES PER S.E. & R.W.	1/21/11	RJC	RW
2	CORRECTED -5 Ø.210 HOLE LOCATIONS, CH'D LOCATION OF AFT & FWD TEXT PER S.E.	3/11/11	RJC	SE
3	ADDED -3 FLATNESS TOLERANCE AND TAP 3/4-16 UNF AFTER WELDING, CH'D -5 DIM. 7.315 TO 7.316 TO MATCH SIMILAR MANUFACTURED PART, CH'D -7 ENGRAVE NOTE PER R.W., CH'D 3/4-16 UNF TO TAP AFTER WELDING, CH'D -13 Ø.750 TO 3/4-16 UNF PER G.E.	5/24/11	RJC	RW
4	CH'D -7 HOLE CALL OUT FROM TAP 3/4-16 UNF AFTER WELDING PER G.E.	8/22/11	RJC	RW
5	CH'D -27 FROM STEEL, CH'D -3 ASSEMBLED OVERALL HEIGHT FROM 1.935 & FLATNESS FROM .020, CH'D -3, -5, -7, -9, -11, -13, -15, -17 DIMENSIONS TO MEET FACTORY PART, PER S.E.	12/8/11	RJC	SE
6	CH'D -3 FLATNESS TOLERANCE FROM .003 TO .010 PER G.E.	3/1/12	RJC	GE
7	-5 CH'D DIM WAS Ø6.630 IS Ø6.630 +.003 -.000. -7 CH'D DIM WAS .250 IS (.250), ADDED MISSING DIMS 2X .05 X 45° .983. -9 CH'D DIM WAS .250 IS (.250), ADDED MISSING DIMS 2X .500, 4X .125. -13 CH'D DIM WAS Ø1.500 IS (Ø1.500), ADDED MISSING DIM .03 X 45°. -15 CH'D DIM WAS .496 SQ. IS LIMITS .497 TO .502. ADDED DIM .665 MAX. DELETED DIM .063 X 45°. CH'D TOLERANCE ON NON-CRITICAL PARTS.	5/15/14	DPD	GE

ASSY QTY	ASSY QTY	B/O	PART #	UNIT QTY	DESCRIPTION	MATERIAL	B/O INFORMATION OR SPECIFICATIONS	Pg.
					WELDMENT			2
1			-3	1	BASE	1018	Ø8-1/4 X 3/8	3
1			-5		PLATE	1018	1/4 x 2 x 7-5/8	4
2			-7		LEG	1018	1/4 x 1-7/16 x 2-3/32	5
2			-9		GUSSET	1018	1/4 x 1-9/32 x 2	6
1			-11		NUT	1018	Ø1-1/2 x 15/16	7
			-13					
			-15	1	JACK BOLT	4140 Q&T	Ø1 x 6-7/8	8
			-17	1	DISC PLATE	4140	Ø3 x 5/8	9
B/O		-19	1		HEX NUT	STEEL	1/2-20 UNF MCMASTER-CARR #90499A825	1
B/O		-21	1		FLAT WASHER	STEEL	9/16 ID MCMASTER-CARR #90108A033	1
B/O		-23	1		THRUST BEARING	STEEL	Ø5/8 ID x 1-1/8 OD MCMASTER-CARR #6655K18	1
8	B/O	-25			ROLL PIN	S.S.	Ø1/8 x 1/4 MCMASTER-CARR #92373A173	2
ASSY #	ASSY -3							

NOTE:
TOOL PART OF KIT RBW6305G01331-3G.

RB RED BARN MACHINE

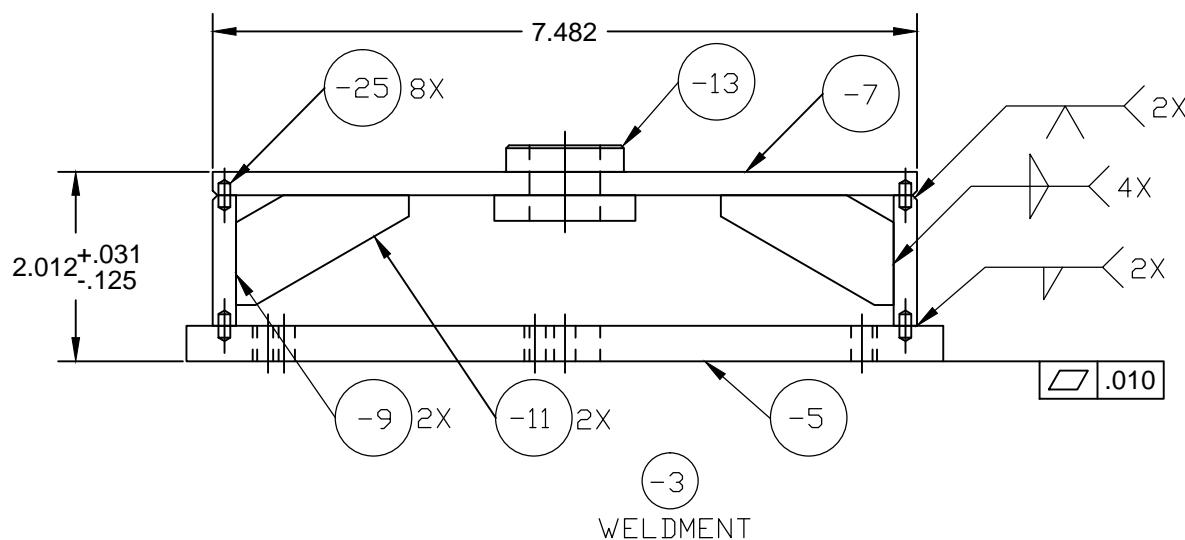
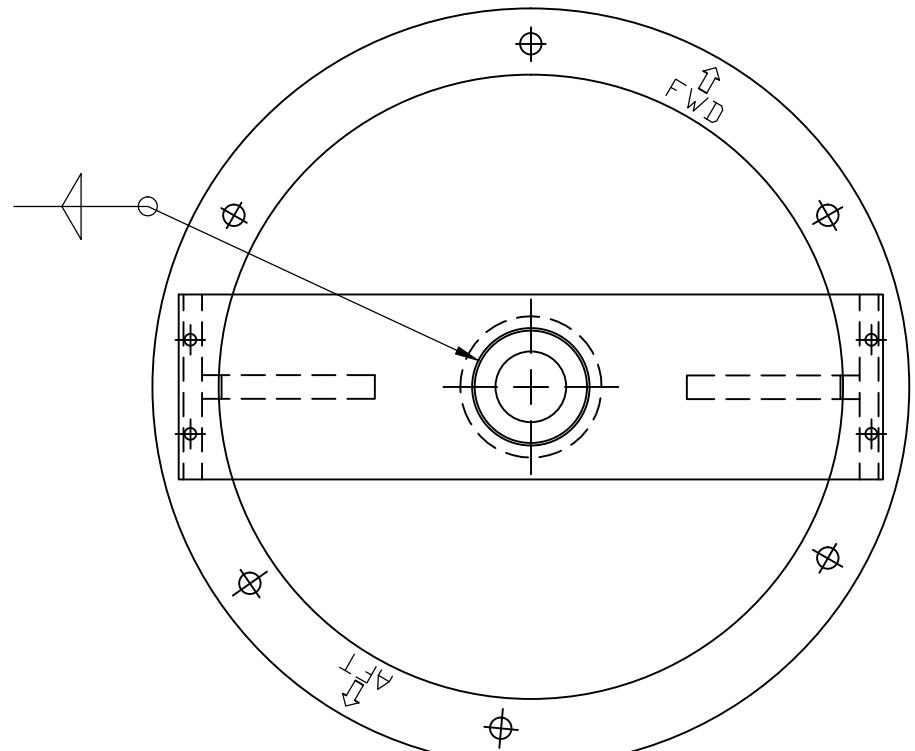
TITLE PUSHER, CLUTCH IN RACE INSTALLATION

DWG NO. RBW6305G05531-3G REV 7

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1	DRAWN BY: CLOUGH APPROVED D. Weil HEAT TREAT FINISH SPEC USED ON MODEL AW139
1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	

SCALE 1:2 DATE 3-30-10 SHEET 1 of 9

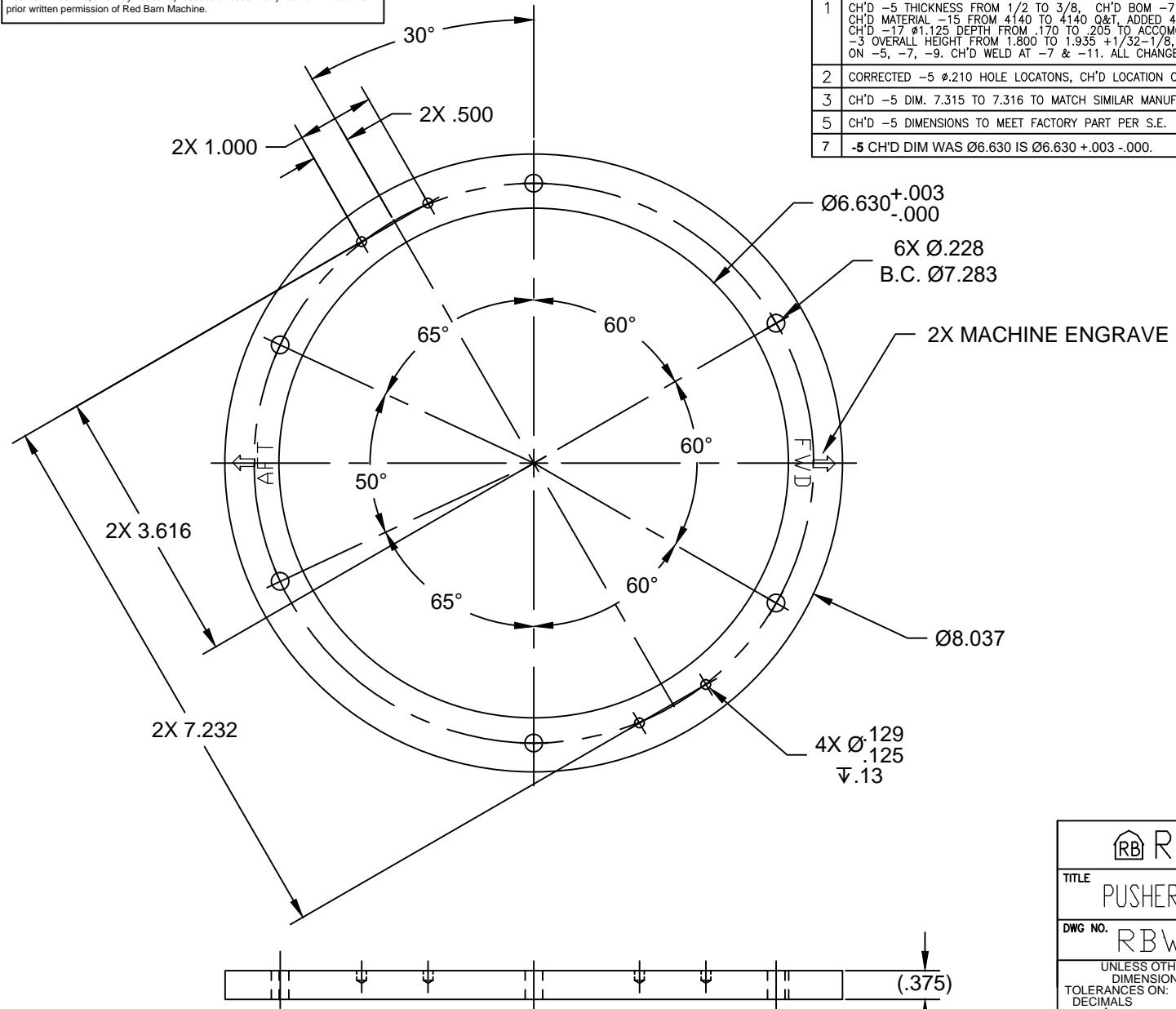
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REV	DESCRIPTION	REVISIONS	
		DATE	INITIAL
1	CH'D -5 THICKNESS FROM 1/2 TO 3/8, CH'D BOM -7 LENGTH FROM 7-3/8 TO 7-3/4, CH'D MATERIAL -15 FROM 4140 TO 4140 Q&T, ADDED 4 EA. Ø1/8 x 1/4 ROLL PINS -25, CH'D -17 Ø1.125 DEPTH FROM .170 TO .205 TO ACCOMODATE BEARING THICKNESS, CH'D -3 OVERALL HEIGHT FROM 1.800 TO 1.935 +1/32-1/8, ADDED Ø.125 HOLES FOR ROLL PINS ON -5, -7, -9. CH'D WELD AT -7 & -11. ALL CHANGES PER S.E. & R.W.	1/21/11	RJC RW
3	ADDED -3 FLATNESS TOLERANCE AND TAP 3/4-16 UNF AFTER WELDING PER G.E.	5/24/11	RJC RW
5	CH'D -3 ASSEMBLED OVERALL HEIGHT FROM 1.935 & FLATNESS FROM .020 PER S.E.	12/8/11	RJC SE
6	CH'D -3 FLATNESS TOLERANCE FROM .003 TO .010 PER G.E.	3/1/12	RJC GE

RB RED BARN MACHINE	
TITLE: PUSHER. CLUTCH IN RACE INSTALLATION	
DWG NO. RBW6305G05531-3G-3 REV 7	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 FRACTIONS ± 1/32 .XX ± .01 ANGLES ± .5° .X ± .1	
DRAWN BY: CLOUGH APPROVED <i>D. Weil</i> HEAT TREAT FINISH CAD PLATE YELLOW SPEC QQ-P-416F, TYPE II, CLASS II USED ON MODEL AW139	
SCALE	1:2
DATE	3-30-10
SHEET 2 of 9	

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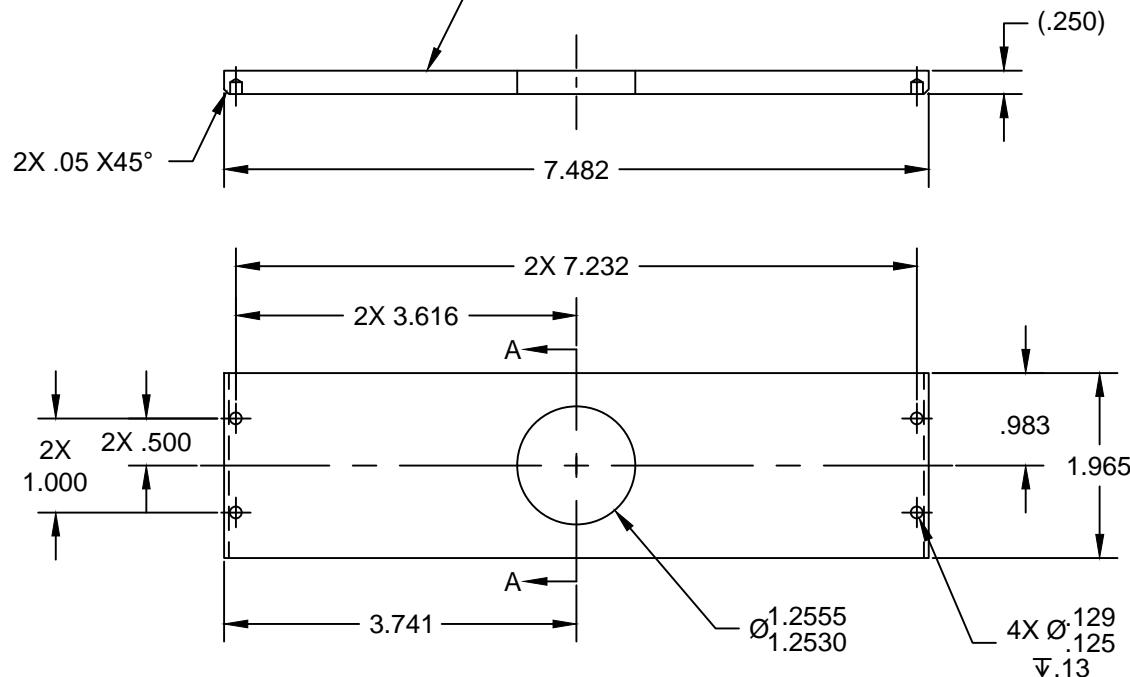


REV	DESCRIPTION	REVISIONS	
		DATE	INITIAL
1	CH'D -5 THICKNESS FROM 1/2 TO 3/8, CH'D BOM -7 LENGTH FROM 7-3/8 TO 7-3/4, CH'D MATERIAL -15 FROM 4140 TO 4140 Q&T, ADDED 4 EA. Ø1/8 x 1/4 ROLL PINS -25, CH'D -17 Ø1.125 DEPTH FROM .170 TO .205 TO ACCOMODATE BEARING THICKNESS, CH'D -3 OVERALL HEIGHT FROM 1.800 TO 1.935 +1/32-1/8, ADDED Ø.125 HOLES FOR ROLL PINS ON -5, -7, -9. CH'D WELD AT -7 & -11. ALL CHANGES PER S.E. & R.W.	1/21/11	RJC RW
2	CORRECTED -5 Ø.210 HOLE LOCATONS, CH'D LOCATION OF AFT & FWD TEXT PER S.E.	3/11/11	RJC SE
3	CH'D -5 DIM. 7.315 TO 7.316 TO MATCH SIMILAR MANUFACTURED PART PER G.E.	5/24/11	RJC RW
5	CH'D -5 DIMENSIONS TO MEET FACTORY PART PER S.E.	12/8/11	RJC SE
7	-5 CH'D DIM WAS Ø6.630 IS Ø6.630 +.003 -.000.	5/15/14	DPD GE

RB RED BARN MACHINE	
TITLE	
PUSHER CLUTCH IN RACE INSTALLATION	
DWG NO. RBW6305G05531-3G-5 REV 7	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 FRACTIONS ± 1/32 .XX ± .01 ANGLES ± 1° .X ± .1	
DRAWN BY: CLOUGH APPROVED <i>D. Weil</i> HEAT TREAT FINISH SEE -3 WELDMENT SPEC USED ON MODEL AW139	
SCALE	1:2
DATE	3-30-10
SHEET 3 of 9	

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ENGRAVE T/N
"RBW6305G05531-3G"
S/N, "MADE IN USA"
"RBW6305G05631-3G"



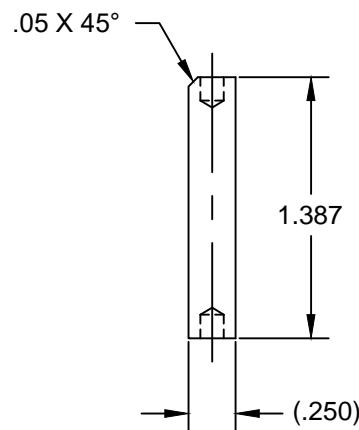
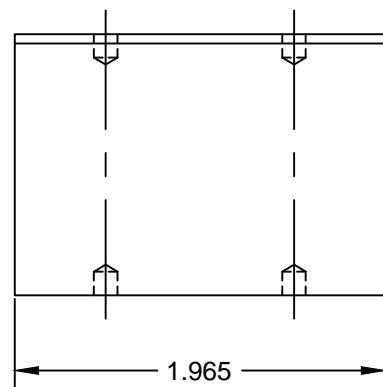
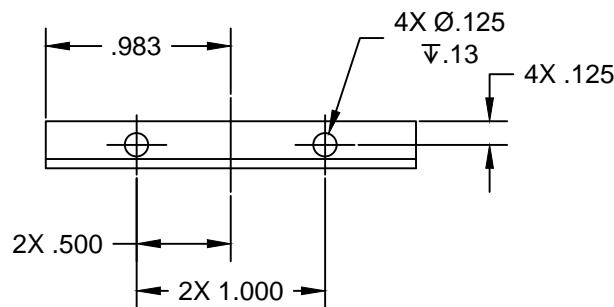
(-7)
PLATE

REVISIONS			
REV	DESCRIPTION	DATE	INITIAL
1	CH'D -5 THICKNESS FROM 1/2 TO 3/8, CH'D BOM -7 LENGTH FROM 7-3/8 TO 7-3/4, CH'D MATERIAL -15 FROM 4140 TO 4140 Q&T, ADDED 4 EA. Ø1/8 x 1/4 ROLL PINS -25, CH'D -17 Ø1.125 DEPTH FROM .170 TO .205 TO ACCOMODATE BEARING THICKNESS, CH'D -3 OVERALL HEIGHT FROM 1.800 TO 1.935 +1/32-1/8, ADDED Ø.125 HOLES FOR ROLL PINS ON -5, -7, -9, CH'D WELD AT -7 & -11. ALL CHANGES PER S.E. & R.W.	1/21/11	RJC RW
3	CH'D -7 ENGRAVE NOTE PER R.W., CH'D 3/4-16 UNF TO TAP AFTER WELDING PER G.E.	5/24/11	RJC RW
4	CH'D -7 HOLE CALL OUT FROM TAP 3/4-16 UNF AFTER WELDING PER G.E.	8/22/11	RJC RW
5	CH'D -7 DIMENSIONS TO MEET FACTORY PART PER S.E.	12/8/11	RJC SE
7	-7 CH'D DIM WAS .250 IS (.250), ADDED MISSING DIMS 2X .05 X 45°, .983.	5/15/14	DPD GE

RB RED BARN MACHINE	
TITLE	
PUSHER CLUTCH IN RACE INSTALLATION	
DWG NO. RBW6305G05531-3G-7 REV 7	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 FRACTIONS ± 1/32 .XX ± .01 ANGLES ± 1° .X ± .1	
DRAWN BY: CLOUGH APPROVED <i>D. Weil</i> HEAT TREAT FINISH SEE -3 WELDMENT SPEC	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR. .015 R. 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE	1:2
DATE	3-30-10
SHEET	4 of 9

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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL
1	CH'D -5 THICKNESS FROM 1/2 TO 3/8, CH'D BOM -7 LENGTH FROM 7-3/8 TO 7-3/4, CH'D MATERIAL -15 FROM 4140 TO 4140 Q&T, ADDED 4 EA. Ø1/8 x 1/4 ROLL PINS -25, CH'D -17 Ø1.125 DEPTH FROM .170 TO .205 TO ACCOMODATE BEARING THICKNESS, CH'D -3 OVERALL HEIGHT FROM 1.800 TO 1.935 +1/32-1/8, ADDED Ø.125 HOLES FOR ROLL PINS ON -5, -7, -9. CH'D WELD AT -7 & -11. ALL CHANGES PER S.E. & R.W.	1/21/11	RJC RW
5	CH'D -9 DIMENSIONS TO MEET FACTORY PART PER S.E.	12/8/11	RJC SE
7	-9 CH'D DIM WAS .250 IS (.250), ADDED MISSING DIMS 2X .500, 4X .125.	5/15/14	DPD GE



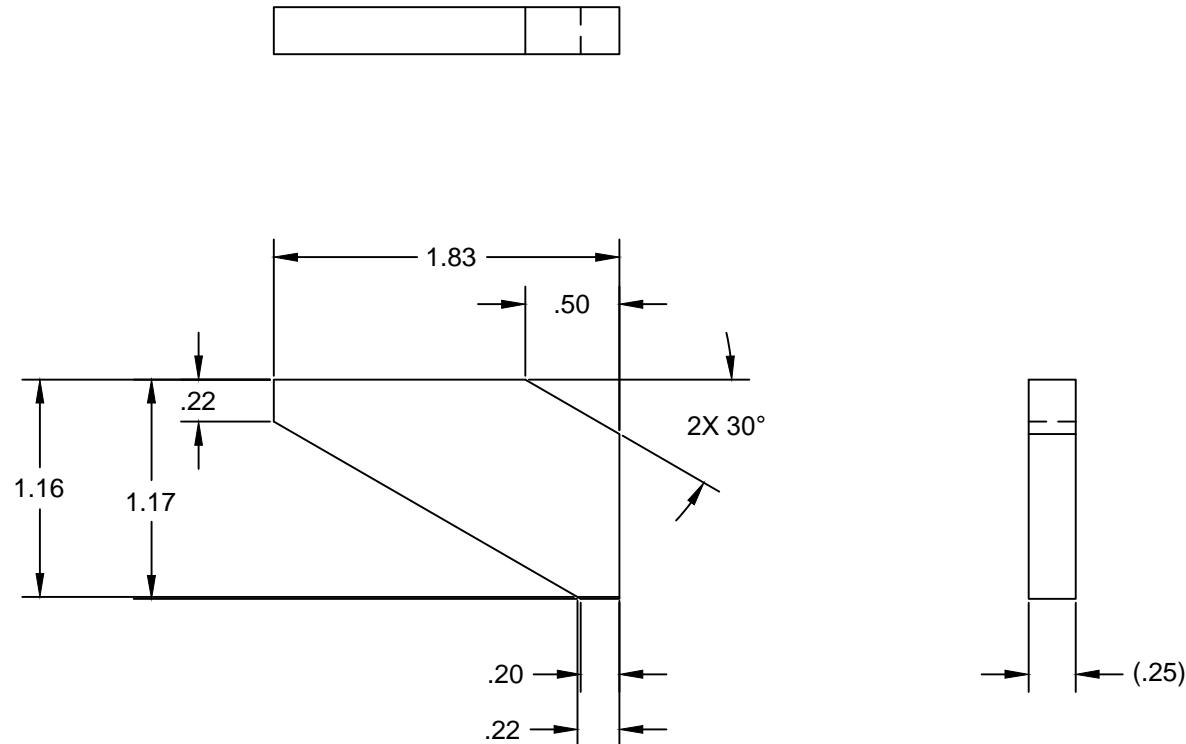
(-9)

LEG

RED BARN MACHINE	
TITLE	
PUSHER CLUTCH IN RACE INSTALLATION	
DWG NO.	REV
RBW6305G05531-3G-9	7
UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
TOLERANCES ON:	
DECIMALS	
.XXX \pm .005	FRACTIONS \pm 1/32
.XX \pm .01	ANGLES \pm 5°
.X \pm .1	
SPEC	
DRAWN BY: CLOUGH	
APPROVED <i>D. Weil</i>	
HEAT TREAT	
FINISH SEE -3 WELDMENT	
USED ON MODEL	
AW139	
SCALE	DATE
1:1	3-30-10
SHEET 5 of 9	

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REV		DESCRIPTION		DATE	INITIAL	APPROVED
5		CH'D -11 DESIGN TO MEET FACTORY PART PER S.E.		12/8/11	RJC	SE



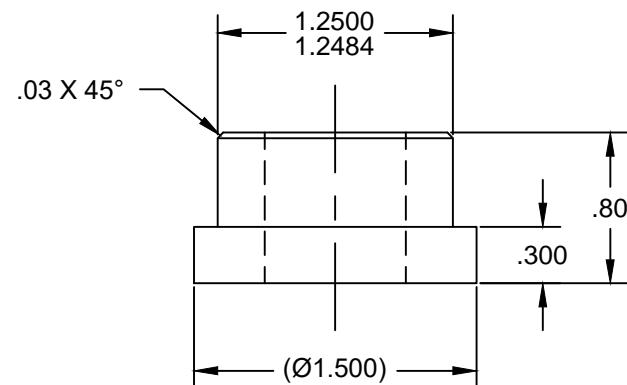
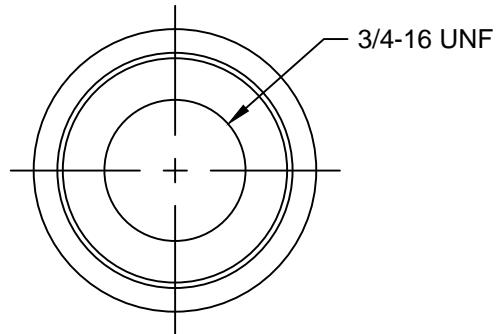
-11

GUSSET

 RED BARN MACHINE	
TITLE	
PUSHER CLUTCH IN RACE INSTALLATION	
DWG NO.	RBW6305G05531-3G-11
REV	7
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY: CLOUGH
TOLERANCES ON: DECIMALS .XXX \pm .005	APPROVED <i>D. Weil</i>
.XX \pm .01	HEAT TREAT
.X \pm .1	FINISH SEE -3 WELDMENT
FRACTIONS \pm 1/32	SPEC
ANGLES \pm 5°	USED ON MODEL
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR. .015 R.	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE	1:1
DATE	3-30-10
SHEET	6 of 9

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REVISIONS		
REV	DESCRIPTION	DATE
3	CH'D -13 Ø.750 TO 3/4-16 UNF PER G.E.	5/24/11 RJC RW
5	CH'D -13 DIMENSIONS TO MEET FACTORY PART PER S.E.	12/8/11 RJC SE
7	-13 CH'D DIM WAS Ø1.500 IS (Ø1.500), ADDED MISSING DIM .03 X 45°.	5/15/14 DPD GE

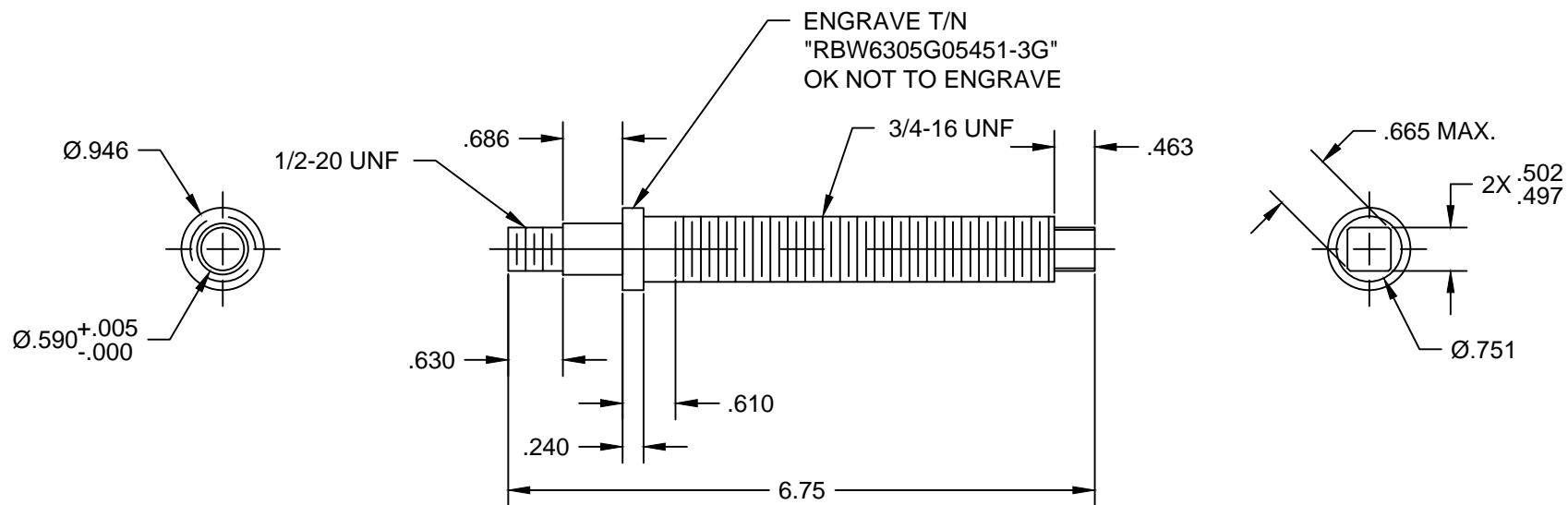


(-13)
NUT

RB RED BARN MACHINE	
TITLE: PUSHER CLUTCH IN RACE INSTALLATION	
DWG NO: RBW6305G05531-3G-13 REV 7	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
DRAWN BY: CLDOUGH	
TOLERANCES ON: DECIMALS	
.XXX \pm .005 FRACTIONS \pm 1/32	
.XX \pm .01 ANGLES \pm 5°	
.X \pm .1	
HEAT TREAT	
FINISH SEE -3 WELDMENT	
SPEC	
USED ON MODEL	
AW139	
SCALE: 1:1	DATE: 3-30-10
SHEET 7 of 9	

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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL
5	CH'D -15 DIMENSIONS TO MEET FACTORY PART PER S.E.	12/8/11	RJC SE
7	-15 CH'D DIM WAS .496 SQ. IS LIMITS .497 TO .502. ADDED DIM .665 MAX. DELETED DIM .063 X 45°.	5/15/14	DPD GE

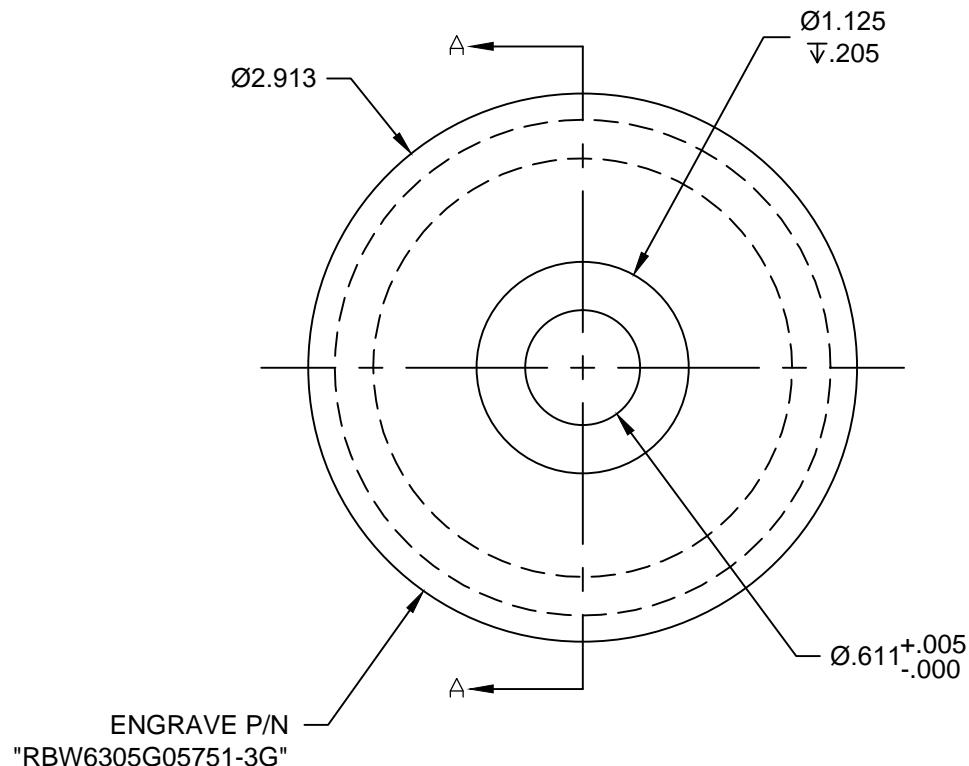


(-15)
JACK BOLT

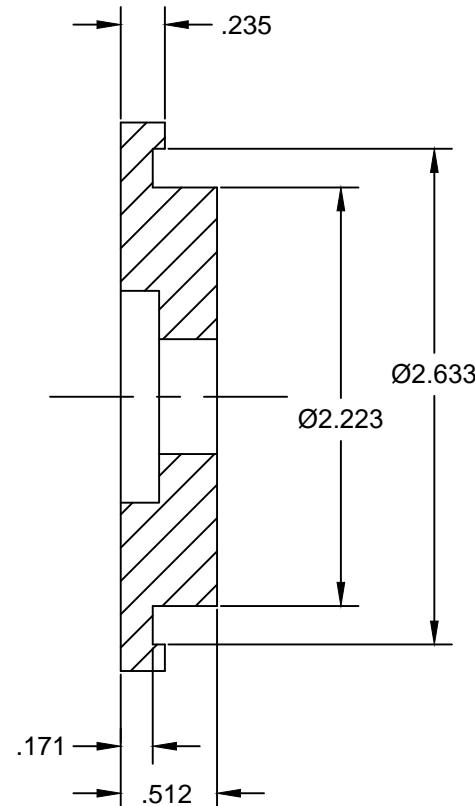
 RED BARN MACHINE	
TITLE PUSHER CLUTCH IN RACE INSTALLATION	
DWG NO.	RBW6305G05531-3G-15
REV	7
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY: CLOUGH
TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1	APPROVED <i>D. Weil</i>
FRACTIONS ± 1/32 ANGLES ± 5°	HEAT TREAT
	FINISH CAD PLATE YELLOW
	SPEC QQ-P-416F, TYPE II, CLASS II
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR. .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL
	AW139
SCALE 1:2	DATE 3-30-10
	SHEET 8 of 9

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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL
1	CH'D -5 THICKNESS FROM 1/2 TO 3/8, CH'D BOM -7 LENGTH FROM 7-3/8 TO 7-3/4, CH'D MATERIAL -15 FROM 4140 TO 4140 Q&T, ADDED 4 EA. Ø1/8 x 1/4 ROLL PINS -25, CH'D -17 Ø1.125 DEPTH FROM .170 TO .205 TO ACCOMMODATE BEARING THICKNESS, CH'D -3 OVERALL HEIGHT FROM 1.800 TO 1.935 +1/32-1/8, ADDED Ø.125 HOLES FOR ROLL PINS ON -5, -7, -9. CH'D WELD AT -7 & -11. ALL CHANGES PER S.E. & R.W.	1/21/11	RJC RW
5	CH'D -17 DIMENSIONS TO MEET FACTORY PART PER S.E.	12/8/11	RJC SE



(-17)
DISC PLATE



SECTION A-A

RED BARN MACHINE	
TITLE	PUSHER CLUTCH IN RACE INSTALLATION
DWG NO.	RBW6305G05531-3G-17
REV	7
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY: CLOUGH
TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1	APPROVED: <i>D. Weil</i>
FRACTIONS ± 1/32 ANGLES ± 5°	HEAT TREAT: CAD PLATE YELLOW
.015 x 45° PR. .015 R.	SPEC QQ-P-416F, TYPE II, CLASS II
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL: AW139
SCALE: 1:1	DATE: 3-30-10
	SHEET 9 of 9